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MISSISSIPPI STATE DEPARTMENT OF HEALTH

**2020 CERTIFICATION**

## Consumer Confidence Report (CCR)

**LAWRENCE COUNTY WIA**

Public Water System Name

**0390002**

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR.

CCR DISTRIBUTION (Check all boxes that apply.)	
INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other)	DATE ISSUED
<input checked="" type="checkbox"/> Advertisement in local paper (Attach copy of advertisement) <b>ON CCR IN PAPER</b>	<b>6-9-21</b>
<input type="checkbox"/> On water bills (Attach copy of bill)	
<input type="checkbox"/> Email message (Email the message to the address below)	
<input type="checkbox"/> Other _____	
DIRECT DELIVERY METHOD (Attach copy of publication, water bill or other)	DATE ISSUED
<input type="checkbox"/> Distributed via U. S. Postal Mail	
<input type="checkbox"/> Distributed via E-Mail as a URL (Provide Direct URL): _____	
<input type="checkbox"/> Distributed via E-Mail as an attachment	
<input type="checkbox"/> Distributed via E-Mail as text within the body of email message	
<input checked="" type="checkbox"/> Published in local newspaper (attach copy of published CCR or proof of publication)	<b>6-9-21</b>
<input checked="" type="checkbox"/> Posted in public places (attach list of locations) <b>L.C. WATER ASSOC OFFICE</b>	<b>6-9-21</b>
<input type="checkbox"/> Posted online at the following address (Provide Direct URL): _____	
<b>CERTIFICATION</b> I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the PWS officials by the MSDH, Bureau of Public Water Supply.	
<b>Bobby Selman</b> Name	<b>OPERATOR</b> Title
	<b>6-13-21</b> Date
<b>SUBMISSION OPTIONS (Select one method ONLY)</b> <b>You must email, fax (not preferred), or mail a copy of the CCR and Certification to the MSDH.</b>	
<b>Mail:</b> (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215	<b>Email:</b> <a href="mailto:water.reports@msdh.ms.gov">water.reports@msdh.ms.gov</a> <b>Fax:</b> (601) 576-7800 <b>(NOT PREFERRED)</b>

**CCR DEADLINE TO MSDH & CUSTOMERS: BY JULY 1, 2021**

*2020 Annual Drinking Water Quality Report*  
**LAWRENCE COUNTY WATER ASSOCIATION**  
**PWS ID# 390002**  
**JUNE 3, 2021**

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from four wells using water from the Miocene and Catahoula Formation Aquifer.

Our source water assessment has been completed and it shows our wells have a lower to moderate susceptibility to contamination.

I'm pleased to report that our drinking water meets all federal and state requirements.

This report shows our water quality and what it means.

If you have any questions about this report or concerning your water utility, please contact Bobby Selman, our operator, at 601-455-2791. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of every month at 5:00 p.m. at our office.

Lawrence County Water Association routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2020. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

*Non-Detects (ND)* - laboratory analysis indicates that the constituent is not present.

*Parts per million (ppm) or Milligrams per liter (mg/l)* - one part per million corresponds to one minute in two years or a single penny in \$10,000.

*Parts per billion (ppb) or Micrograms per liter* - one part per billion corresponds to one minute in 2,000 years, or a

*Action Level* - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

*Treatment Technique (TT)* - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

*Maximum Contaminant Level* - The Maximum Allowed (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

*Maximum Contaminant Level Goal* - The Goal (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Disinfectants &amp; Disinfection By-Products</b> (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine (as CL2)	N	2020	1.30 (RAA) Running annual average	1.0 - low 1.60 - high	ppm	4.0	4.0	Water additive used to control microbes
<b>Inorganic Contaminants</b>								
9.Sodium	N	2019	55000	48000-low 55000-high	ppb		250000	Erosion of Natural Deposits;Leaching
10.Barium	N	10/14/19*	0.0031 0.0106	0	ppm	2.0	10	Discharge of drilling wastes ;discharge from metal refineries;erosion of natural deposits
11.Chromium	N	4/15/15*	0.0011 0.0012	NO RANGE	ppm	n/a	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	8/19/2020	0.0	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservaives
16.Fluoride	N	10/14/19*	0.164 1.63	0	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	8/19/2020	1.0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19.Nirate(as Nitrogen)	N	03/17/2020	0.15	0	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage;erosion of natural deposit
<b>Volatile Organic Contaminants</b>								
73.HAA5	N	09/15/2020	5.0	0	ppb	0	60	By-product of drinking water chlorination

\* Most recent sample

**Inorganic Contaminants:**

(9) Sodium. Likely Source of Contamination- Road Salt, Water Treatment Chemicals, Water Softeners, and Sewage Effluents.

(10) Barium. Some people think water containing Barium in excess of the MCL over many years could experience an increase in their blood pressure.

(14) Copper. Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.

(16) Fluoride. Some people who drink water containing fluoride in excess of the MCL over many years could get bone disease, including pain and tenderness of the bones. Children may get mottled teeth.

(17) Lead. Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

(19) Nitrate. Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.

**Volatile Organic Contaminants**

(73) TTHM, HAA5s Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer. All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Lawrence County Water Association sampled for asbestos in our water in 2019 and the results for asbestos were None Detected for a concentration of <0.17MFL.

\*\*\*\*\* Additional Information for Lead\*\*\*\*\*

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Lawrence County Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

Please call our office if you have questions.

We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

This CCR Report will not be mailed but you may obtain a copy at our office.

## PROOF OF PUBLICATION

## THE STATE OF MISSISSIPPI LAWRENCE COUNTY

2020 Annual Drinking Water Quality Report  
**LAWRENCE COUNTY WATER ASSOCIATION**  
PWS ID# 390002  
JUNE 3, 2021

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6-9-2021

I, \_\_\_\_\_, came to me, the undersigned, in and for LAWRENCE COUNTY, Mississippi, the CLERK of the LAWRENCE COUNTY PRESS, a newspaper published in Monticello, Lawrence County, in said county, being duly sworn, deposes and says that the LAWRENCE COUNTY PRESS is a newspaper as defined and prescribed in Senate Bill 2003 enacted in the regular session of the Mississippi Legislature of 1948, amended by Senate Bill 858, of the Mississippi Code of 1942, and the publication of a notice, of which this is a true copy appeared in the issues of the newspaper as follows:

6-9-2021

ed 1 times

(17) Lead. Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer.  
(9) Sodium. Likely Source of Contamination-Road Salt, Water Treatment Chemicals, Water Softeners, and Sewage Effluents.  
(10) Barium. Some people who drink water containing barium in excess of the MCL over many years could experience an increase in their blood pressure.  
(14) Copper. Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's disease should consult their personal doctor.  
(16) Fluoride. Some people who drink water containing fluoride in excess of the MCL over many years could get bone disease, including pain and tenderness of the bones. Children may get mottled teeth.  
(17) Lead and Inorganic Chemicals. Some people who drink water containing lead in excess of the action level could experience delays in growth and children who drink water containing lead in excess of the action level could experience delays in growth.

MOST RECENT SAMPLE									
73. HAA5	N	9/15/2020	3.0	0	ppb	0	By-product of chlorination	60	By-product of chlorination
73. THM	N	9/15/2020	< 4.0	0	ppb	1/4	By-product of chlorination	80	By-product of chlorination
Volatile Organic Compounds									
17. Lead	N	12/1/2020	0.0	0	ppb	0	Corrosion of household plumbing systems, corrosion of lead pipes and solder	AL-13	Corrosion of household plumbing systems, corrosion of lead pipes and solder
0.071							deposits; water additive which promotes strong leaching; damage from lead pipes and solder		

*JJ Carney*  
Clerk of the Lawrence County Press

ORN TO and subscribed before me, this

day of June 2021

*Kari Welch*  
A Notary Public in and for the State of Mississippi.  
City of Lawrence, State of Mississippi.

